



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/604,542	07/30/2003	Jen-Shou Tseng	9477-US-PA	1541

43831            7590            09/07/2007  
BERKELEY LAW & TECHNOLOGY GROUP, LLP  
17933 NW Evergreen Parkway, Suite 250  
BEAVERTON, OR 97006

EXAMINER
----------

SAFAIPOUR, HOUSHANG

ART UNIT	PAPER NUMBER
----------	--------------

2625

MAIL DATE	DELIVERY MODE
09/07/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/604,542	TSENG, JEN-SHOU
	<b>Examiner</b>	<b>Art Unit</b>
	Houshang Safaipour	2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-14 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 30 July 2003 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                        |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>7/26/07</u> . | 6) <input type="checkbox"/> Other: _____.  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue et al. (US 5,781,311).

Regarding claims 1 and 8, Inoue discloses a scanning method applicable for use in a flatbed scanner with transparent scanning function, the flatbed scanner having an optical scan module and an original document plane for placing a transparent document, and the optical scan module moving along the original document plane for scanning the transparent document, the method comprising (figs. 1 and 6):

disposing the transparent document (fig. 6, transparent original 20) on the original document plane (13);

providing a plane light source (3) with a distribution range covering a region of the transparent document to be scanned (figs. 1 and 6);

Inoue by using the optical scan module (9) scans the original document plane once (col. 4, lines 44-45). Inoue discloses that shading measurement is performed on window 4 (fig. 1). This indicates that the whole region covered by the light distribution range is pre-scanned (col. 4, lines 44-56).

Inoue further discloses that “next” the optical scan module (9) scans the region covered by the distribution range only to extract an image of the transparent document (20, col. 4 lines 52-67).

Regarding claims 2 and 9, Inoue discloses he method according to claim 1, wherein the step of disposing the transparent document further comprises disposing the transparent document at an arbitrary position with an arbitrary angle on the original document plane (fig. 6).

Regarding claims 3, 4, 10 and 11, Inoue doest not disclose an external transparency adaptor, however, the use of external adaptor is well known and routinely implemented in the art (official notice). Therefore it would have been obvious to a person of ordinary skill in the art to modify Inoue’s device to use an external adaptor for illumination purpose.

Regarding claims 5, 6, 12 and 13, Inoue discloses the method according to claim 1, wherein the step of providing the plane light source includes providing a built-in transparency adapter (fig. 1).

Regarding claims 7 and 14, Inoue discloses he method according to claim 1, wherein the step of using the optical scan module to scan the region covered by the distribution range further comprises providing a calibration window, so that when light emitted from the optical scan module goes through the calibration window, the calibration window can be used to calibrate the plane light source (col. 4 lines 44-51).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Houshang Safaipour whose telephone number is

Art Unit: 2625

(571)272-7412. The examiner can normally be reached on Mon.-Fri. from 6:00am to 2:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached on (571)272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Houshang Safaipour  
Patent Examiner  
August 28, 2007

A handwritten signature in black ink, appearing to read "Houshang Safaipour", is positioned to the right of the typed name and title.